

13, 2003. The Assistant Commissioner is hereby authorized to charge the extension fee of Nine Hundred Thirty Dollars (\$930.00) due under 37 C.F.R. §1.17(a)(3), and any other fee due in connection with this communication, to Deposit Account 23-1703.

Please amend the application as follows:

IN THE CLAIMS:

Cancel claims 22-27 without prejudice.

Replace claims 32 and 37 with the following revised claims:

32. (Amended) A method for screening compounds for modulation of GABA_B receptor 1 transcription, comprising the steps of:

(a) providing a host cell hosting an expression system comprising a nucleic acid molecule constituting:

a promoter element selected from the group consisting of:

(i) a nucleic acid molecule comprising SEQ ID NO: 1,

C' (ii) a nucleic acid molecule at least 95% homologous to SEQ ID NO: 1,

(iii) a nucleic acid molecule comprising SEQ ID NO: 2,

and

(iv) a nucleic acid molecule at least 95% homologous to SEQ ID NO: 2; and

a reporter gene, wherein the promoter element is coupled to the reporter gene so that expression of the reporter gene is under the control of the promoter element;

C¹ (b) contacting a test compound with the cell; and

(c) determining whether the test compound modulates the level of expression of the reporter gene.

Sub-D¹ 37. (Amended) A method for screening compounds for modulation of GABA_B receptor 1 transcription, comprising the steps of:

(a) providing a host cell hosting an expression system comprising a nucleic acid molecule constituting:

C² a promoter element consisting essentially of a functionally equivalent modified form or active fragment of a nucleic acid molecule selected from the group consisting of:

(i) a nucleic acid molecule comprising SEQ ID NO: 1,

(ii) a nucleic acid molecule at least 95% homologous to SEQ ID NO: 1,

(iii) a nucleic acid molecule comprising SEQ ID NO: 2,

and

(iv) a nucleic acid molecule at least 95% homologous to SEQ ID NO: 2; and

a reporter gene wherein the promoter element is coupled to the reporter gene so that expression of the reporter gene is under the control of the promoter element;

(b) contacting a test compound with the cell; and

(c) determining whether the test compound modulates the level of expression of the reporter gene.

Pursuant to the conditions of Section I. of the Remarks below,
add new claims 42-47, as follows:

42. (New) A method for screening compounds for modulation of GABA_B receptor 1 transcription, comprising the steps of:

(a) providing a host cell hosting an expression system comprising a nucleic acid molecule constituting:

a promoter element consisting essentially of a functionally equivalent modified form or active fragment of a nucleic acid molecule at least 95% homologous to SEQ ID NO: 1, the promoter element comprising:

(i) the nucleic acid sequence of positions 3009-3016
of SEQ ID NO: 1,

(ii) the nucleic acid sequence of positions 3037-3044
of SEQ ID NO: 1, and

(iii) the nucleic acid sequence of positions 3116-3123
of SEQ ID NO: 1; and

Sub D2
a reporter gene, wherein the promoter element is coupled to
the reporter gene so that expression of the reporter gene is
under the control of the promoter element;

(b) contacting a test compound with the cell; and

(c) determining whether the test compound modulates the
level of expression of the reporter gene.

C3 Cont
43. (New) The method according to claim 42, wherein the
promoter element is not operably linked to a repressor region of
a GABA_B receptor 1 Pl_a promoter.

Sub D3
44. (New) A method for screening compounds for modulation of
GABA_B receptor 1 transcription, comprising the steps of:

(a) providing a host cell hosting an expression system
comprising a nucleic acid molecule constituting:

a promoter element consisting essentially of a functionally equivalent modified form or active fragment of a nucleic acid molecule at least 95% homologous to SEQ ID NO: 2, the promoter element comprising the nucleic acid sequence of positions 4308-4315 of SEQ ID NO: 2, and

a reporter gene, wherein the promoter element is coupled to the reporter gene so that expression of the reporter gene is under the control of the promoter element;

(b) contacting a test compound with the cell; and

(c) determining whether the test compound modulates the level of expression of the reporter gene.

45. (New) The method according to claim 44, wherein the promoter element further comprises:

(i) the nucleic acid sequence of positions 4080-4087 of SEQ ID NO: 2;

(ii) the nucleic acid sequence of positions 4196-4204 of SEQ ID NO: 2;

(iii) the nucleic acid sequence of positions 4241-4249 of SEQ ID NO: 2; and

(iv) the nucleic acid sequence of positions 4272-4279 of SEQ ID NO: 2.